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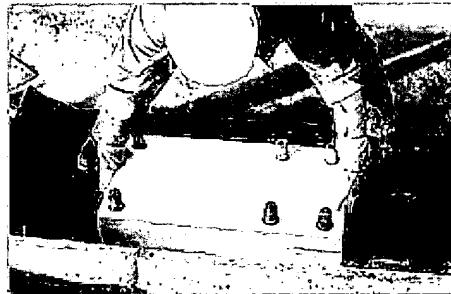
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Product Search



R-9300 Blocks

Column-Bearing Thermal Isolation Blocks



RIGID FOAMS

- FR-6700 Aircraft Foam
- FR-10100 High Temp. Foam
- FR-4500 Tooling Board
- R-9300 Blocks
- R-3300
- FR-7100 Modeling Foam
- TR Marine FRP Foams
- FR-4506/FR-4509
- FR-4300 Formable Foam
- FR-3700
- Liquid Pour-Foam Kits

FLEXIBLE FOAMS

- EF-4000
- TF-5070

MOLDED RIGID FOAMS

INTEGRAL-SKIN FOAM

MACHINED-FOAM PARTS

AIRCRAFT TRANSPARENCIES

BLAST-TAMER

NUCLEAR TRANSPORT

R-9300 is a high-density rigid cellular polyurethane material designed to support heavy structural loads while insulating a building interior from the supporting ground. Typical applications include use as a load-bearing block in concrete footings for roof-column supports in refrigerated warehouse structures. The material is supplied to contractors in pre-cut, pre-drilled blocks, ready for installation at the jobsite.

The high-density of this cellular polyurethane material gives it strength to support large compressive loads with little deflection. Each lot of **R-9300** material is tested and certified for its compressive-strength.

Because it is a polyurethane material, it will not rot or dissolve in sub-grade applications. It is inert, and will not promote the corrosion of steel components placed in contact with it. **R-9300** provides nothing for vermin or insects to feed upon, nor does it release any chemical compounds into surrounding soil. Its closed-cell structure prevents absorption of liquid water into the material.

Because each block is supplied cut-to-size, and can be provided with anchor-bolt holes pre-drilled, job-site placement of blocks is quick and easy. Since **R-9300** is delivered as a fully-cured, ready to use material, there is no waiting before moving on to the next construction step, saving precious time.

Thermal Performance: Cellular polyurethane is a natural insulator. Even at the high densities needed for support of roof-column loads, **R-9300** will provide thermal insulation value superior to lightweight concrete, treated wood blocks, and other materials typically used in this application.

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The last two digits of R-9300 product numbers describe foam density in pounds per cubic foot. For example: R-9330 is a 30-lb. per cubic foot material.

Standard R-9300 blocks are available in 30 (R-9330), 35 (R-9335), and 40 (R-9340) pound-per-cubic-foot densities. R-9330 blocks are certified to support compressive loads up to 1,000 psi at 2% deflection. R-9335 and R-9340 blocks will support higher loads at similar 2% deflection.

Product Benefits:

- Short-circuits energy transfer to cooler/warmer earth at foundation
- High compressive strength to support roof-column loads
- Inert, will not rot
- Closed-cell material will not absorb liquid water
- Will not support insects or vermin
- Will not release chemicals into surrounding soil
- Compatible with grouts, adhesives, concrete. Will not promote steel corrosion.
- Standard blocks are single-piece, with no adhesive joints
- Blocks are custom-cut, with anchor-bolt holes pre-drilled, if desired

Blocks are supplied cut-to-size, per customer specifications. Drawings for blocks, with bolt-hole patterns indicated, when available, are most appreciated. If desired, anchor-bolt holes can be drilled at the factory (customer-supplied drawings or templates required).

Standard lead-time is approximately 2 weeks to produce and ship most orders. **This does not include shipping time needed to get blocks to the job site.**
Blocks are shipped direct from the factory to the job-site.

Since each job is different, it is difficult for us to provide price lists. We are, however, most happy to provide a quotation for your specific project. Please advise the size(s) of blocks needed, number of each, with or without bolt-holes, and the job-site location for an accurate quotation.

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